

Goron's Ruby

Suite: Ocarina of Time

by Arya Akhavan (September 2012)

Angles for R.I. = 1.760

32 + 5 girdles = 37 facets

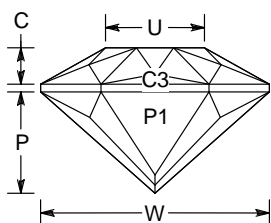
1-fold, mirror-image symmetry

96 index

L/W = 1.347 T/W = 0.644 U/W = 0.432

P/W = 0.443 C/W = 0.159

Vol./W³ = 0.247



PAVILION

P1	42.46°	96	Cut to centerpoint (use 96-24-48-72 to generate culet)
P2	45.51°	35-61	Meet at culet.
P3	52.05°	19-77	Meet at culet.
G1	90.00°	96	Set stone length.
G2	90.00°	19-77	Level girdle.
G3	90.00°	35-61	Level girdle.
P4	44.47°	18-78	Meet P1, P3, G1, G2
P5	44.47°	20-76	Meet P2, P3, G2, G3
P6	42.46°	33-63	Meet P2, P3, G2, G3, P5

CROWN

C1	43.95°	35-61	Set girdle width.
C2	43.95°	19-77	Level girdle.
C3	38.97°	96	Level girdle.
C4	31.37°	21-75	Meet G2, G3, C1, C2
C5	30.76°	17-79	Meet G1, G2, C2, C3
C6	29.10°	33-63	Meet G2, G3, C1, C2, C4
C7	29.10°	37-59	Meet G3, C1
C8	27.35°	02-94	Meet G1, G2, C2, C3, C5
C9	26.09°	96	Meet C3, C8
C10	26.05°	19-77	Meet C2, C4, C5; C5, C8, C9
C11	24.72°	35-61	Meet C1, C6, C7; C4, C6, C10
T	0.00°	Table	Meet C4, C6, C10, C11; C5, C8, C9, C10

This is yet another recreation of a gem from a video game. It's not particularly technically difficult, but it is time-consuming to cut. Ideally, would be cut in ruby, but the closest color match for my tastes is slightly brownish red almandine garnet. Can be cut in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes.

Suggested length = 6-8 mm

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